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SEP 27 2005

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Susan Jensen

(Depositor's name)

Susan Jensen

(Signature)

September 27, 2005

(Date)

TOWNSEND AND TOWNSEND AND CREW LLP
 Two Embarcadero Center, 8th Floor
 San Francisco, CA 94111-3834

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,850	12/13/2001	Stephen Quake	3153/1F570US3	5147

TITLE OF INVENTION: METHOD AND APPARATUS FOR ANALYSIS AND SORTING OF POLYNUCLEOTIDES BASED ON SIZE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	09/28/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NOQUEROLA, ALEXANDER STEPHAN	1753	204-452000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Townsend and Townsend
and Crew LLP2.
3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

California Institute of Technology

Pasadena, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 5

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- ☐ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Randolph Ted Apple

Date

9/27/2005

Typed or printed name

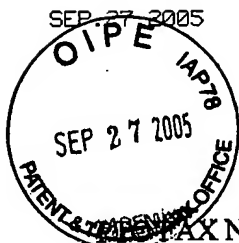
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36,429

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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09/28/2005 WABDEL3 00000009 201430 10021850
 01 FC:2501 700.00 DA
 02 FC:1504 300.00 DA
 03 FC:8001 15.00 DA



FAX NO.: 703-746-4000
ATTENTION: Mailstop ISSUE FEE

Atty Docket No. 20174C-000430US
Confirmation No.: 5147
Group Art Unit: 1753

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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of Stephen Quake et al.

Application No. 10/021,850, filed December 13, 2001

for METHOD AND APPARATUS FOR ANALYSIS AND SORTING OF
POLYNUCLEOTIDES BASED ON SIZE

are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Number of pages being transmitted, including this page: 3

Dated: 9/27/05

Susan Jensen
Susan Jensen

PTO FAX NO.: 703-746-4000
ATTENTION: Mailstop ISSUE FEE

Documents Attached

1. PTOL-85 - Part B - Fee(s) Transmittal Form - 1 pg in duplicate (2 pgs).

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